

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113685.D
 Acq On : 10 Apr 2019 5:07
 Operator : JU/SJ
 Sample : K2331-03 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 07:36:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

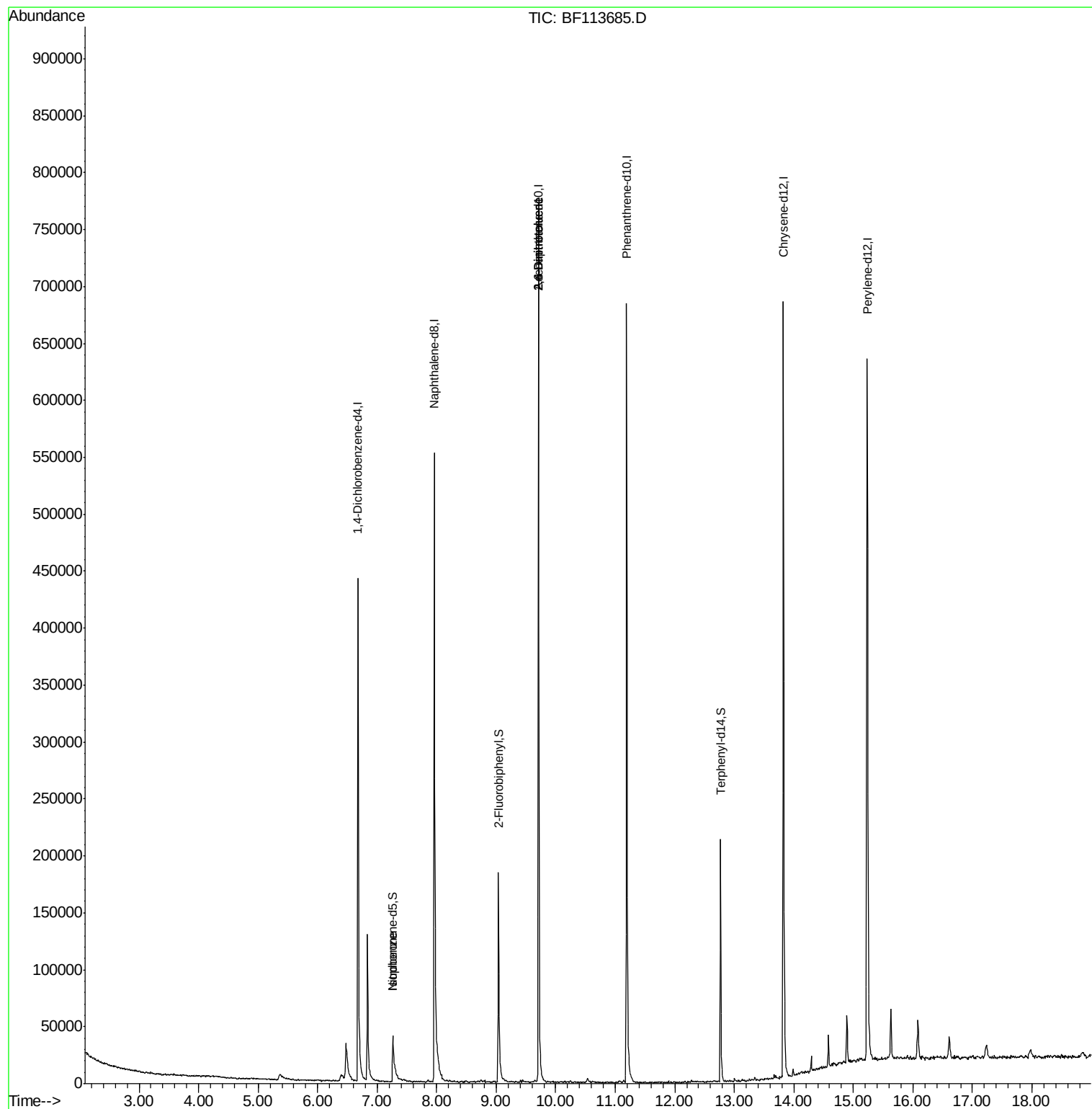
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94421	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	390546	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	179839	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	334343	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	313707	20.00	ng	-0.02
87) Perylene-d12	15.23	264	313366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	9217	1.66	ng	0.06
7) Phenol-d6	6.40	99	9654	1.41	ng	0.06
23) Nitrobenzene-d5	7.26	82	41843	6.28	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	2435	1.13	ng	0.02
45) 2-Fluorobiphenyl	9.04	172	100748	9.02	ng	-0.01
79) Terphenyl-d14	12.77	244	91231	5.92	ng	-0.02
Target Compounds						
25) Isophorone	7.26	82	41843	3.258	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	22270	7.621	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	22270	6.302	ng	# 23

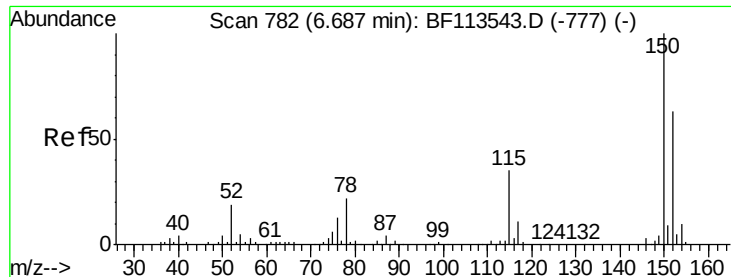
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113685.D
Acq On : 10 Apr 2019 5:07
Operator : JU/SJ
Sample : K2331-03 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 07:36:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



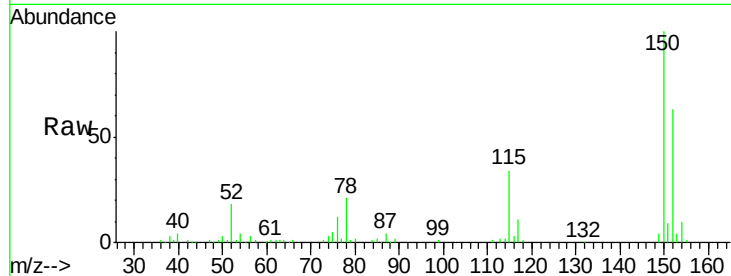


#1

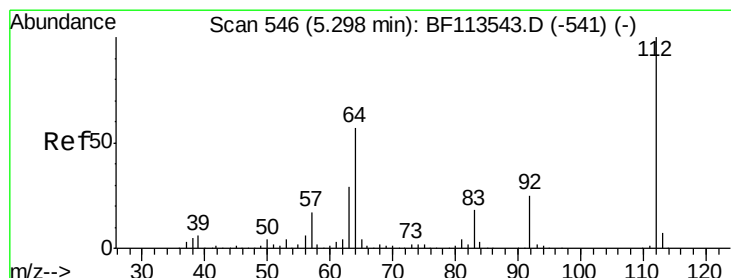
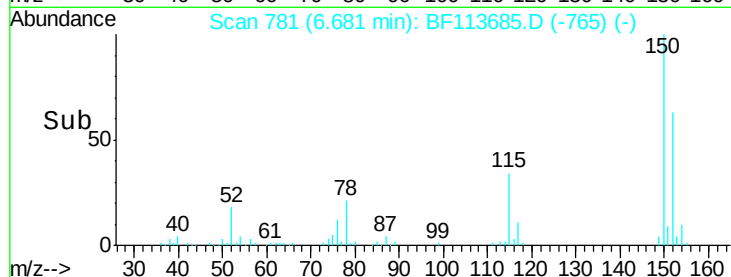
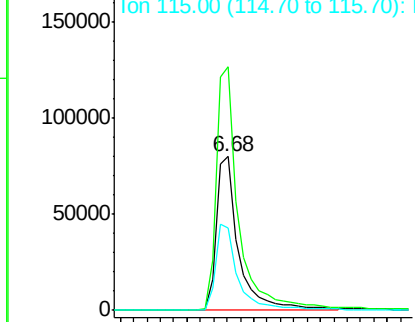
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94421
Ion Ratio Lower Upper
152 100
150 158.7 124.7 187.1
115 53.6 46.0 69.0



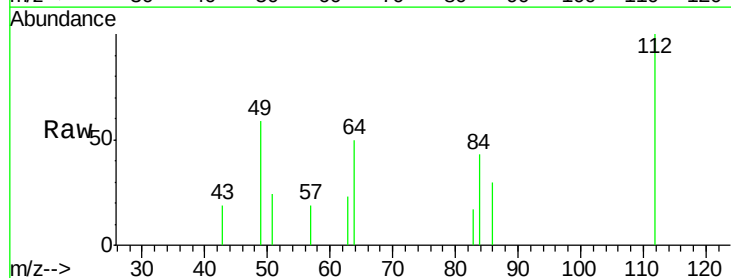
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



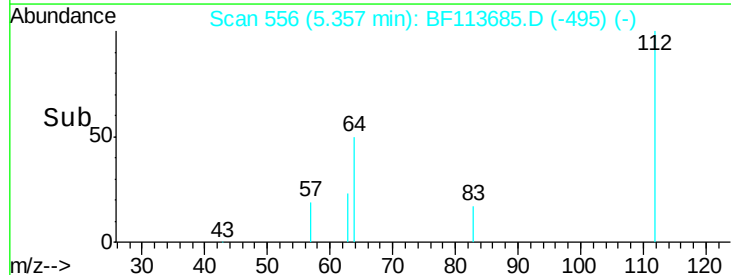
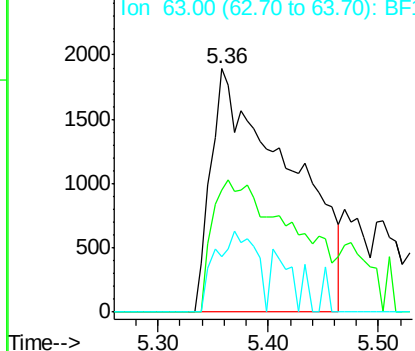
#5

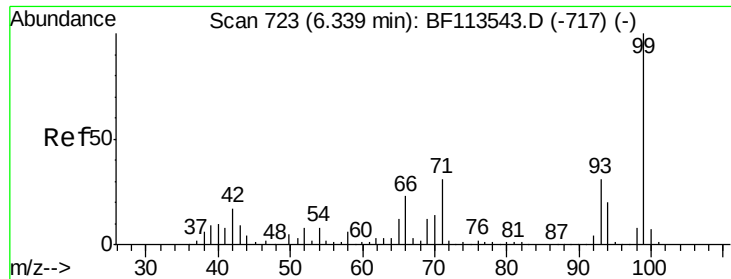
2-Fluorophenol
Concen: 1.665 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.06 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

Tgt Ion:112 Resp: 9217
Ion Ratio Lower Upper
112 100
64 50.1 49.2 73.8
63 22.5 24.9 37.3#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.415 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.06 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

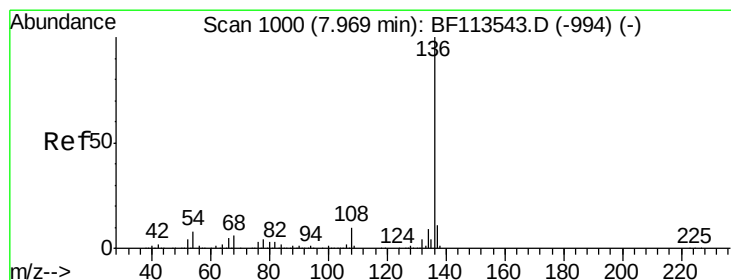
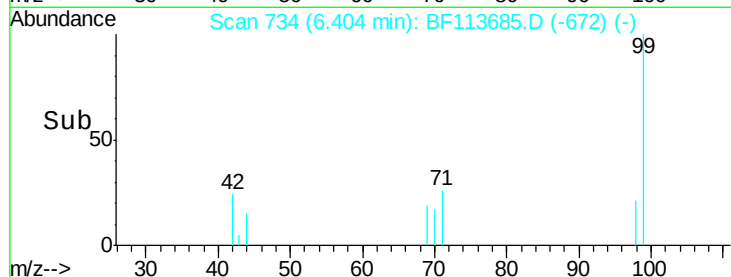
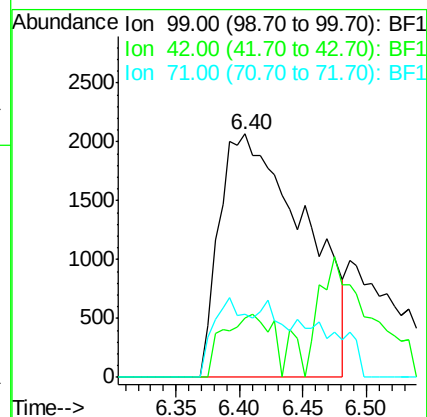
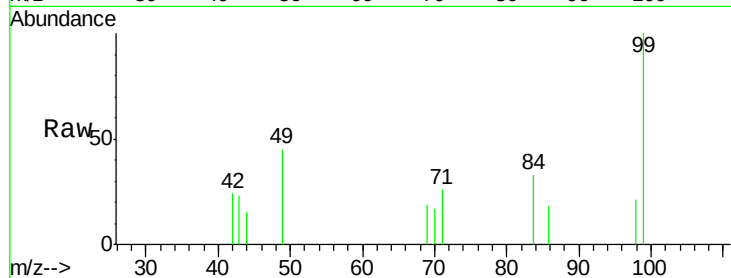
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 9654

Ion	Ratio	Lower	Upper
99	100		
42	24.2	14.8	22.2#
71	26.1	24.9	37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

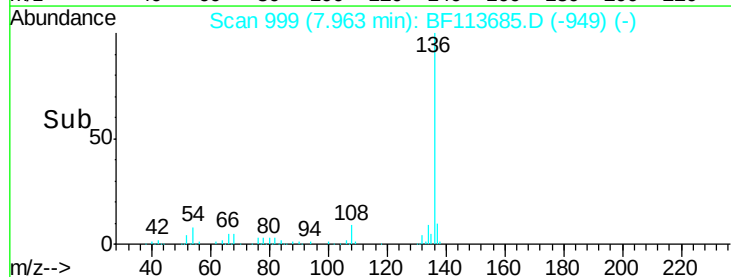
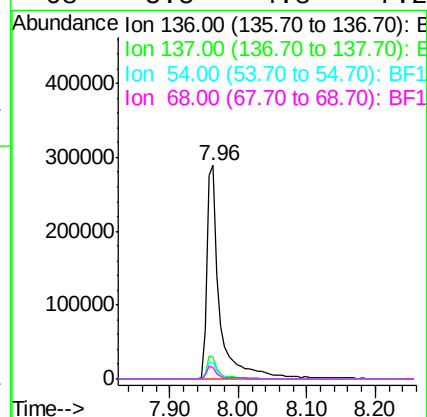
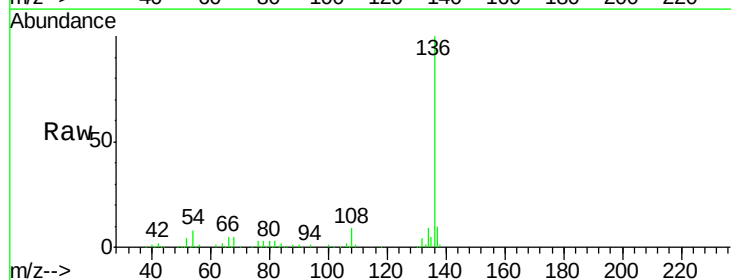
Delta R.T. -0.01 min

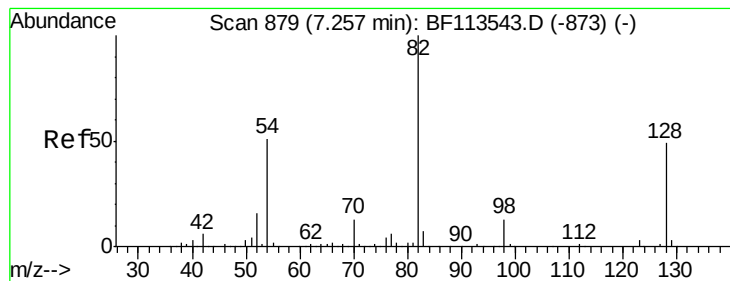
Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Tgt Ion: 136 Resp: 390546

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.5	7.0	10.6
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 6.276 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Instrument :

BNA_F

ClientSampled :

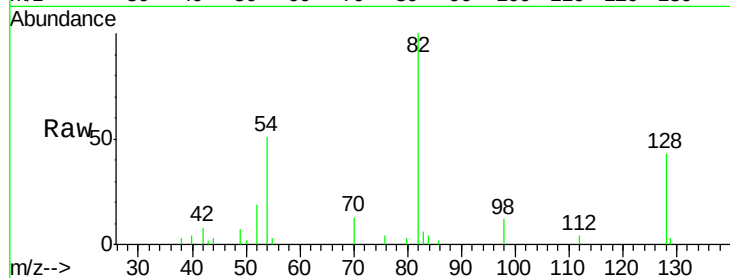
Tot Ion: 82 Resp: 41843

Ion Ratio Lower Upper

82 100

128 43.0 36.5 54.7

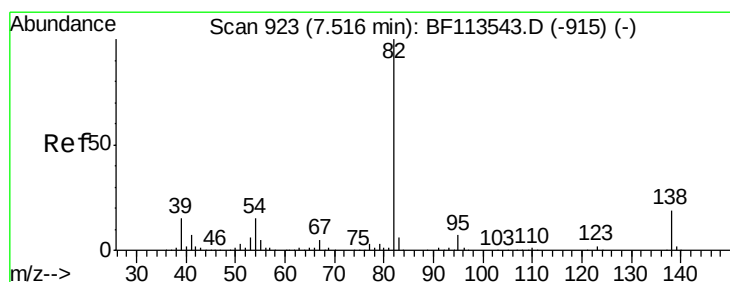
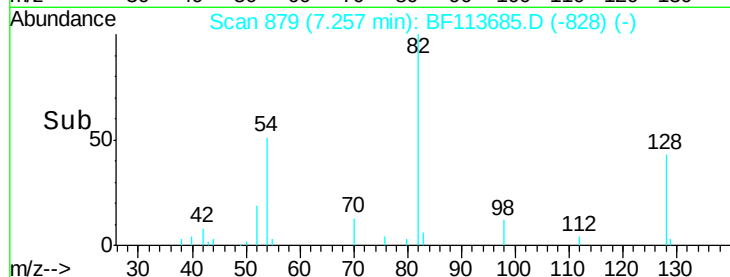
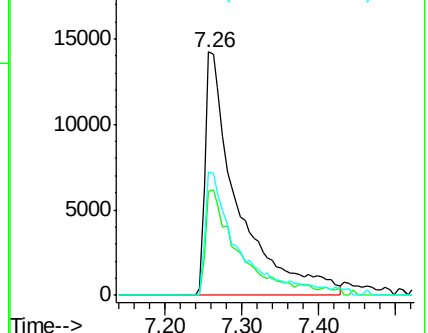
54 50.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.258 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

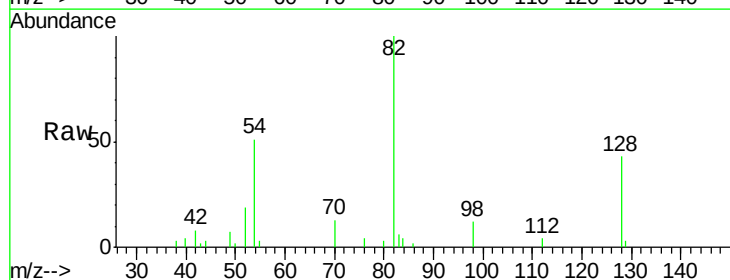
Tgt Ion: 82 Resp: 41843

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

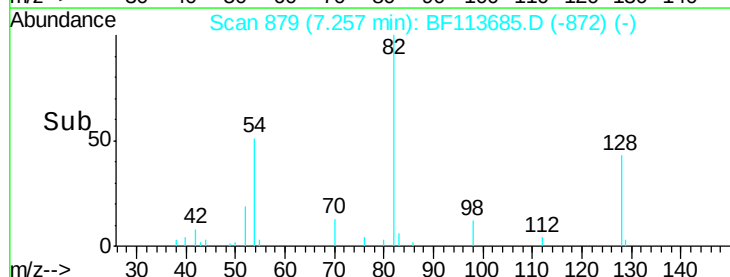
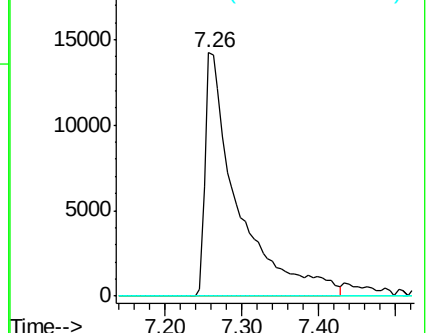
138 0.0 15.2 22.8#

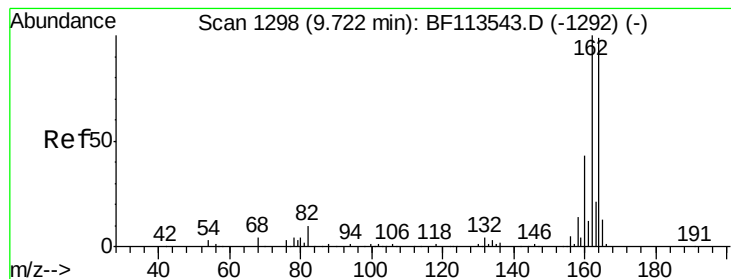


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

Instrument :

BNA_F

ClientSampleId :

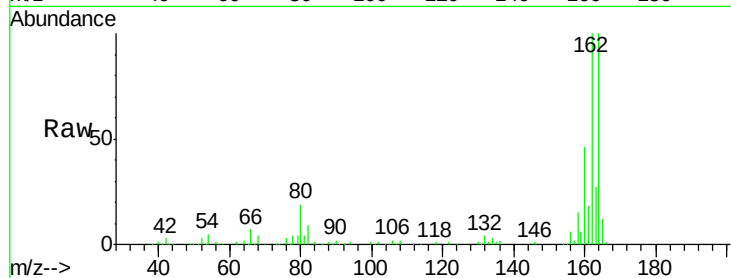
Tot Ion:164 Resp: 179839

Ion Ratio Lower Upper

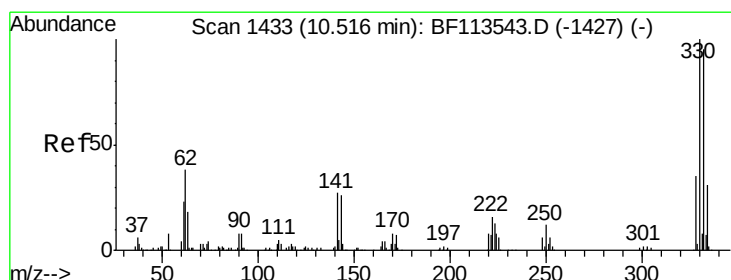
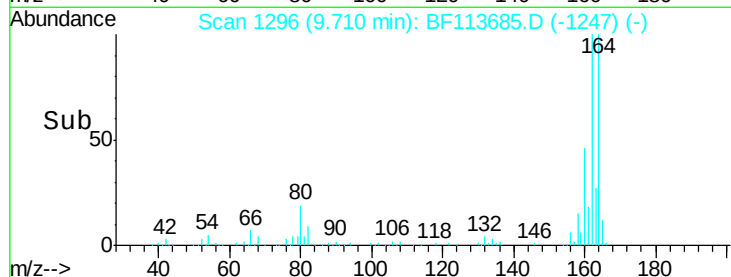
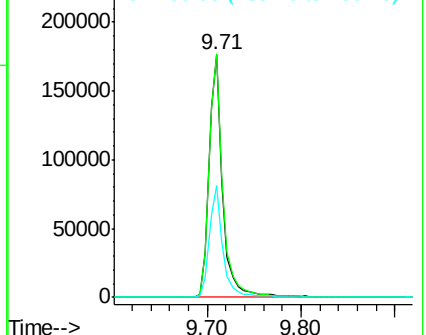
164 100

162 100.2 81.8 122.6

160 46.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 1.127 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF113685.D

Acq: 10 Apr 2019 5:07

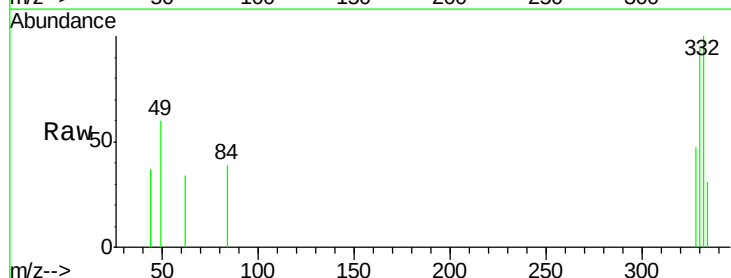
Tgt Ion:330 Resp: 2435

Ion Ratio Lower Upper

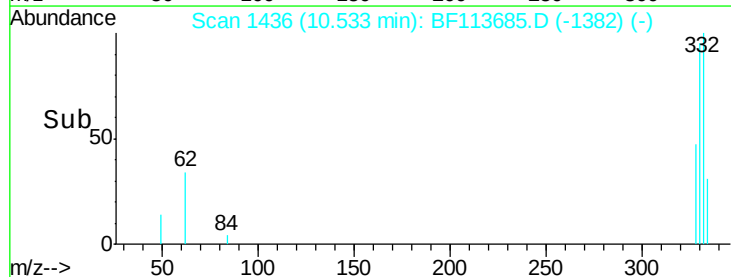
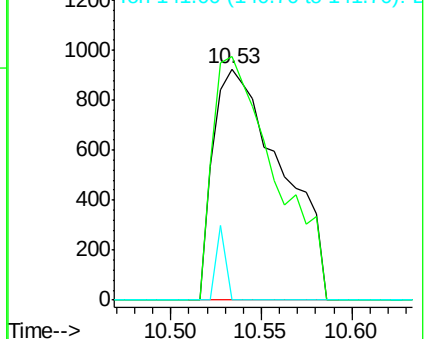
330 100

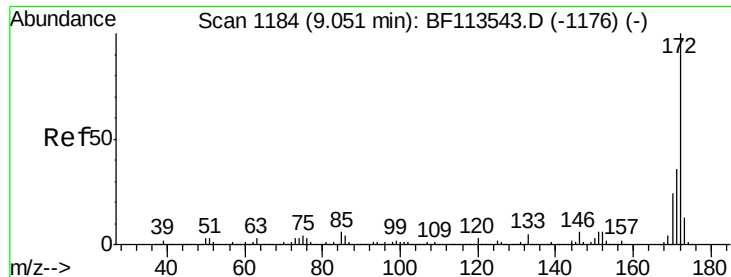
332 96.7 77.8 116.6

141 4.4 22.7 34.1#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

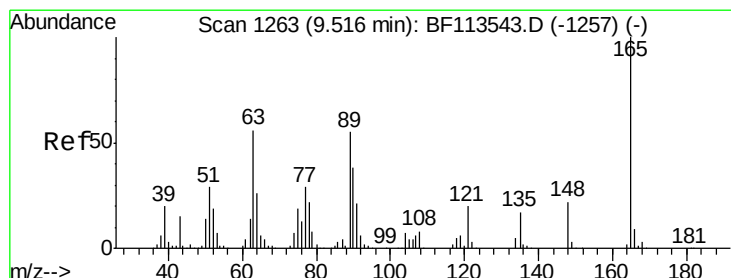
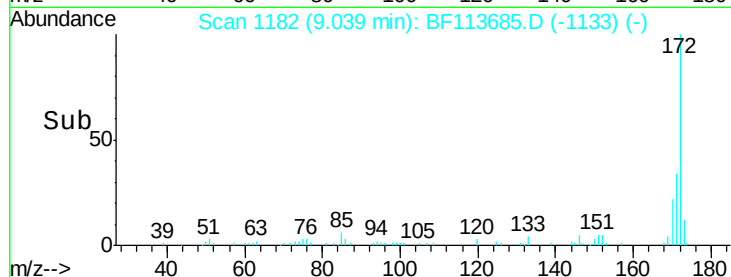
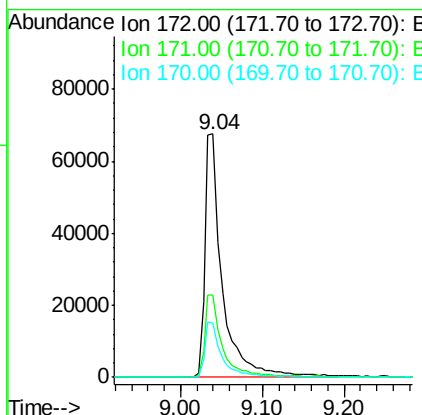
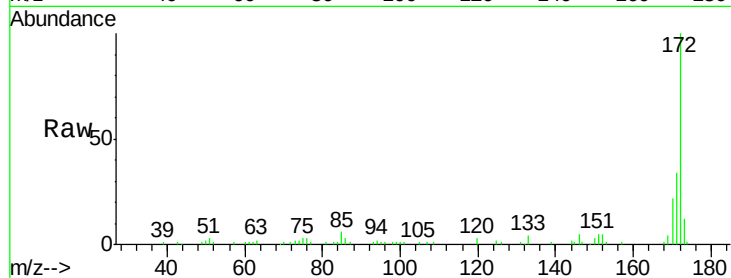




#45
 2-Fluorobiphenyl
 Concen: 9.019 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

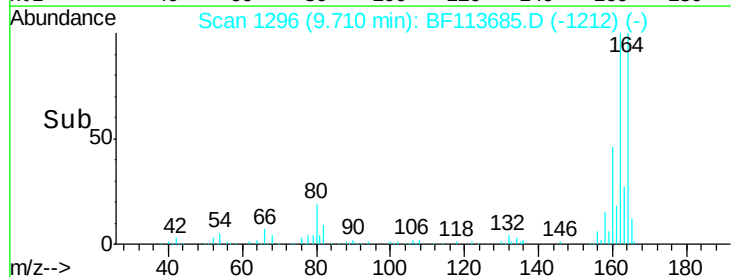
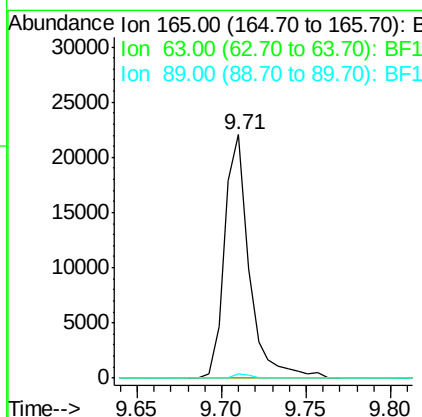
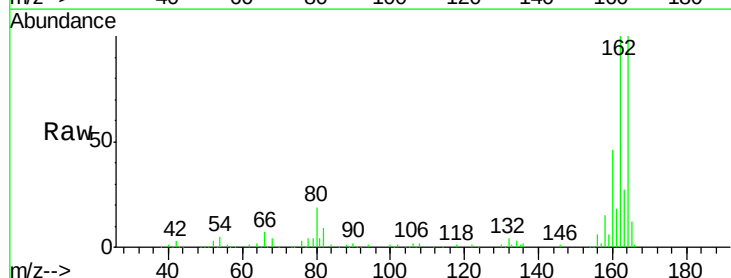
Instrument :
 BNA_F
 ClientSampleId :

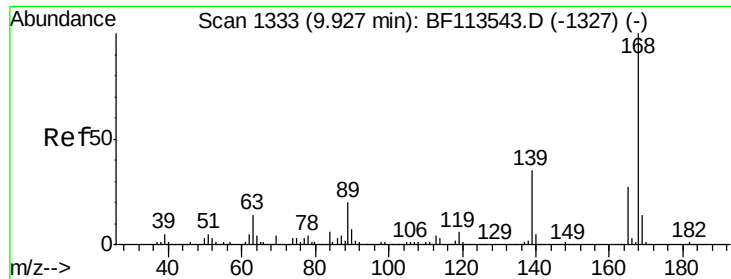
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.6
170	22.2	19.5	29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.621 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.19 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	1.9	43.1	64.7#

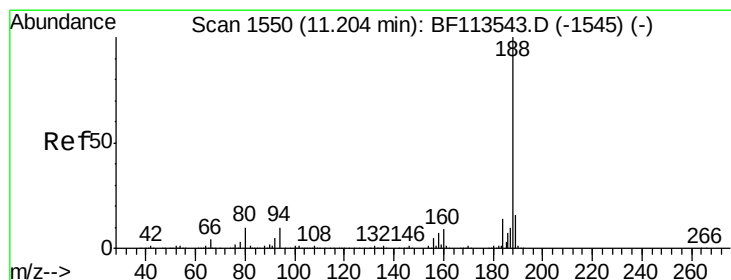
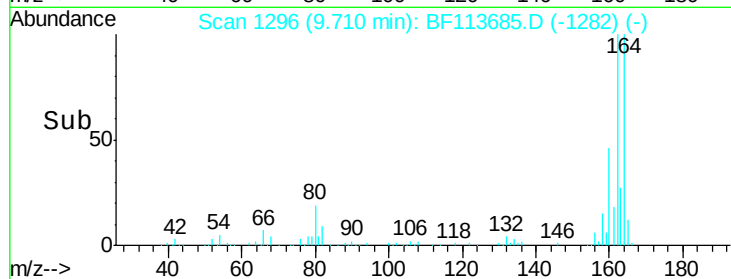
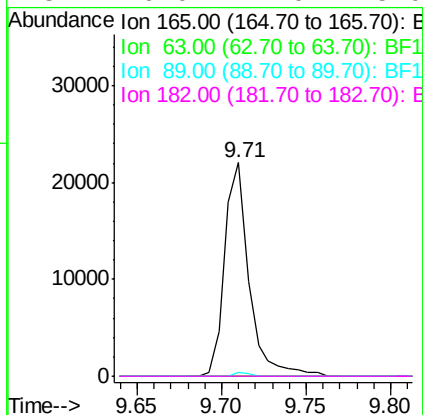
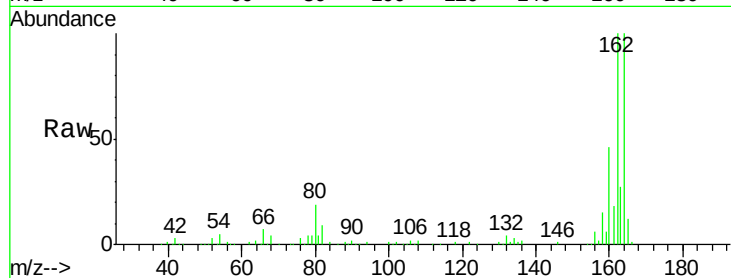




#57
 2,4-Dinitrotoluene
 Concen: 6.302 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

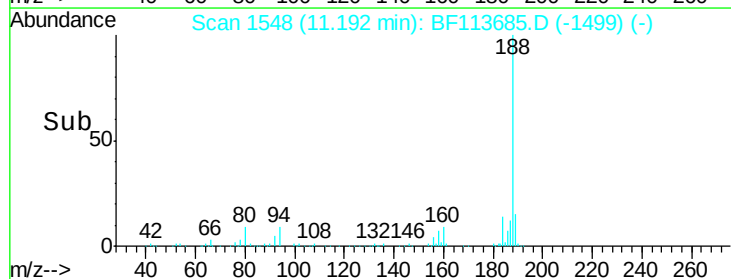
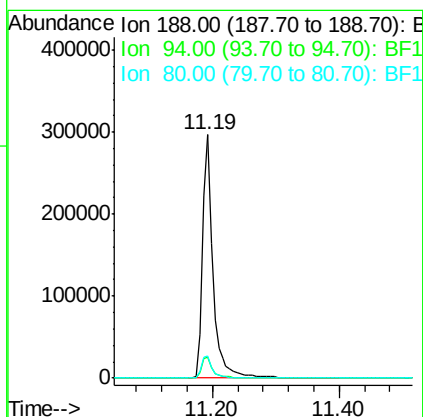
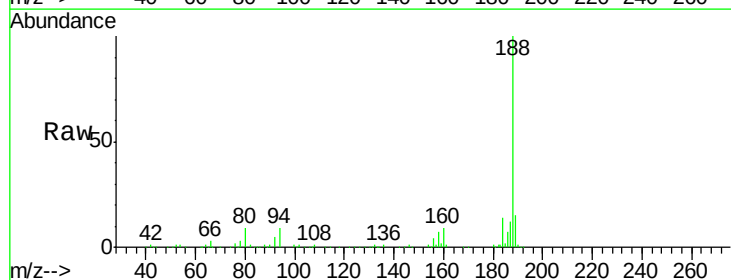
Instrument :
 BNA_F
 ClientSampleId :

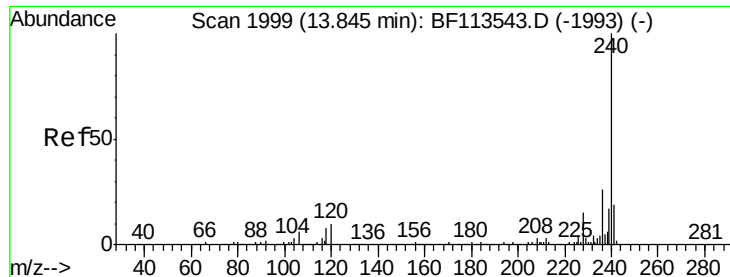
Tot Ion:	165	Resp:	22270
Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	1.9	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Tgt Ion:	188	Resp:	334343
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.1	7.7	11.5

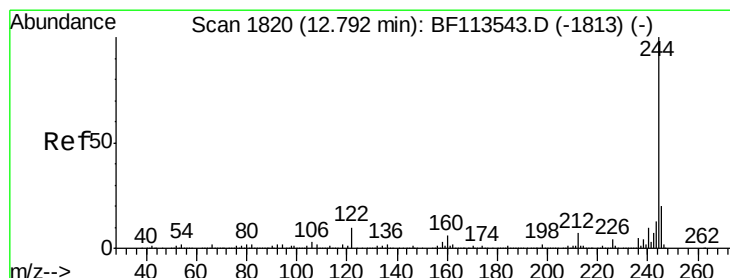
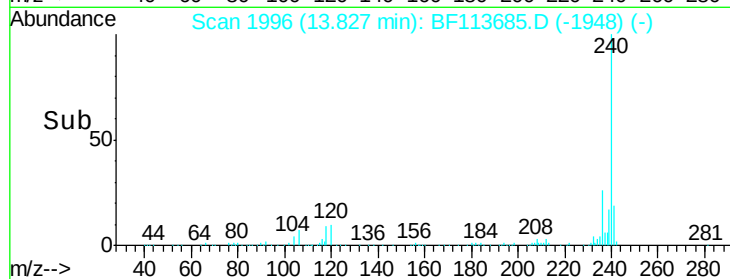
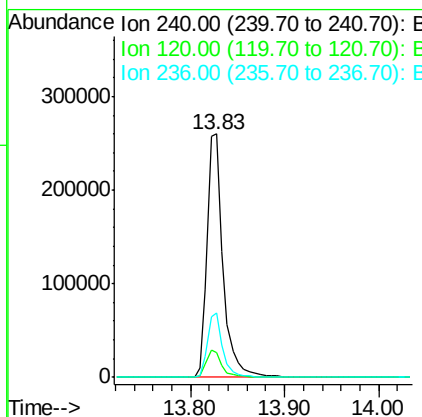
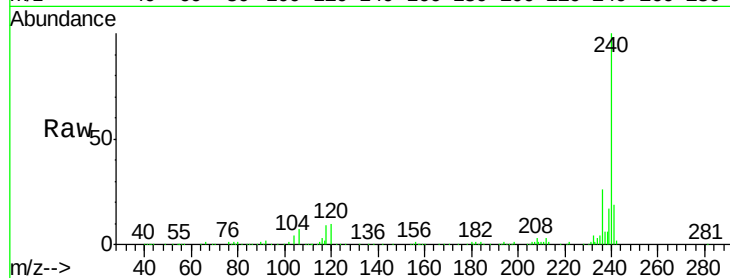




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

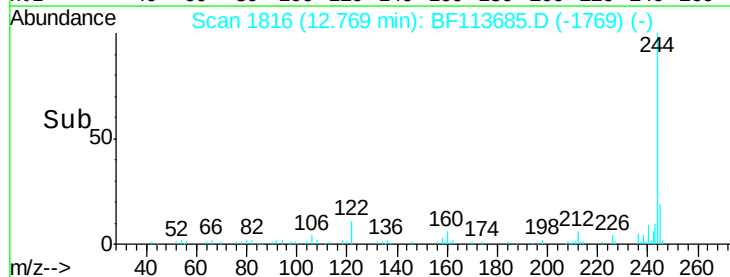
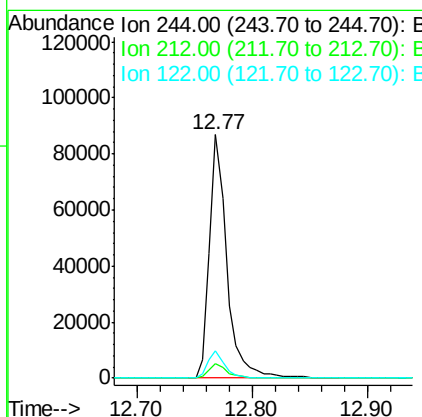
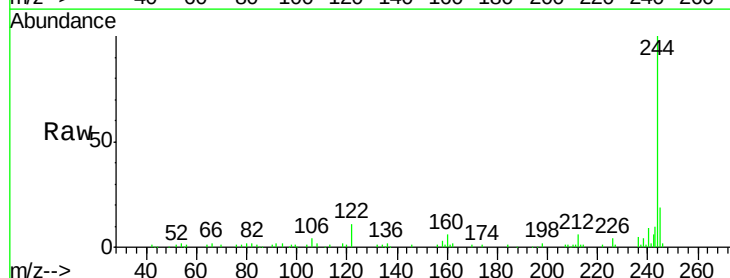
Instrument :
BNA_F
ClientSampleId :

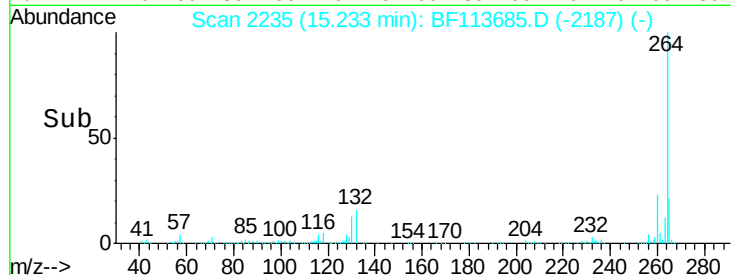
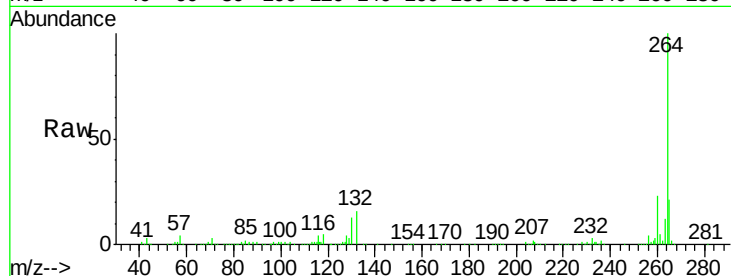
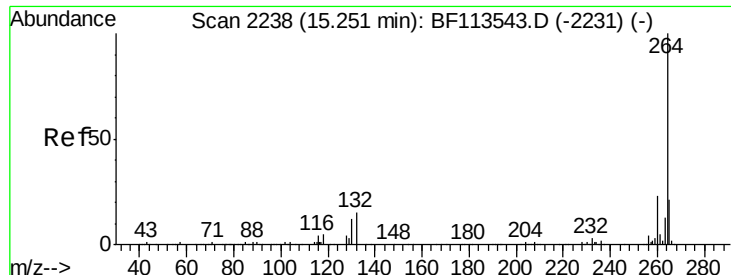
Tot Ion:240 Resp: 313707
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 5.921 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113685.D
Acq: 10 Apr 2019 5:07

Tgt Ion:244 Resp: 91231
Ion Ratio Lower Upper
244 100
212 6.2 5.5 8.3
122 11.0 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113685.D
 Acq: 10 Apr 2019 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	313366
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.1 28.7
265	21.3	17.1 25.7

